Bruhat Bengaluru Mahanagara Palike

Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Assembly Constituency

Sub Estimate : 7 Male-1no Green Room of 5M X 3M

Sl. No.	Description	Unit	Nos	L	B	D	Quantity	Rate	Amount (Rs)
	KSBB/2.2.1-Earthwork excavation for foundation buildings, water supply, sanitary lines & electrical of conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(a)/2.3.5 item no-2.3, page no-6 PWD sr 2018-19								
	Earthwork excavation								
	For column excavation	cum	4	1.50	1.50	2.70	24.30		
	For RRM foundation	cum	1	16.92	0.8	0.75	10.152		
	Base Rate	cum						299.00	
	Item weightage 8%							23.92	
	Total						34.45	322.92	11125
	KSBB/2.8 : Providing and Filling in foundation with granite / trap broken metal 100 mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.05								
	Sealing								
	For column excavation	cum	4	1.50	1.50	0.20	1.80		
	For RRM foundation	cum	1	16.92	0.8	0.2	2.71		
	Base Rate	cum						2429.00	
	Item weightage 8%							48.58	
	Total						4.5	2477.58	11167
	KSBB/4.4.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. Thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 item no-4.2, page no-13, PWD sr 2018-19.								
	PCC								
	PCC For column excavation	cum	4	1.20	1.20	0.15	0.86		
	For RRM foundation	cum	1	16.92	0.8	0.15	2.03		
	Flooring concrete inside	cum	1	5	3	0.15	2.25		
	Flooring concrete outside	cum	1	5	3	0.15	2.25		
	Base Rate							5194.00	
	Item weightage 8%							415.52	
	Total						7.39	5609.52	41479
	KSBB/5.3.3:Providing and constructing granite/ trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 item no-5.9, page no-25, PWD sr 2018-19.								
	For RRM foundation 1st Step	cum	1	16.92	0.80	0.40	5.41		
	For RRM foundation 2st Step	cum	1	16.92	0.60	0.80	8.12		
		cum						5438.00	
	Base Rate							435.04	
	Item weightage 8%						13.54	5873.04	79497
	Total								
	KSBB/4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down graded granite metal coarse aggregates @ 0.69cum and fine aggregtes @ 0.460cum, with super plastisiser @ 3lts confirming to is IS: 9103-1999 Bandfirmah-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated for all works in foundation for footings, pestastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6 item no-4.7, page no-14, PWD sr 2018-19.								
	Column Footing	cum	4	1.00	1.00	0.35	1.40		
	Pedestal	cum	4	0.40	0.40	2.00	1.28		
	Column	cum	4	0.23	0.23	3.45	0.73		
	Plinth Beam	cum	1	15.08	0.3	0.1	0.45		
	Lintel beam	cum	1	15.08	0.23	0.1	0.35		
	Chajja	cum	1	3	0.5	0.1	0.15		
	Roof Slab	cum	1	5.5	3.5	0.15	2.89		
	Parapet wall	cum	1	16		0.05	0.80		
	sub total						8.05		
	Base Rate							5659.00	
	Item weightage 8%							452.72	

Total						**8.05**	**6111.72**	**49180**
KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. & lift upto 1.5m including cost of all labour complete as per specifications. Specification No K.B.S. 2.9 item no-2.10, page no-7, PWD sr 2018-19.								
Back filling for Foundation		1				26.26		
Earth Filling	cum	1	5.0	3.00	0.40	6.00		
Base Rate							201.00	
Area weightage 8%							16.08	
Total						32.26	**217.08**	**7003**
KSRB 6-2.3 : Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 15.0Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, page no.29,item no 6.2 PWD Sr 2018-19								
Main Walls	cum	1	15.2	0.23	3.05	10.66		
Deduct for Openings towards Windows W 1 Nos	cum	1	1.5	0.23	1.2	0.41		
Deduct for Openings towards Doors D	cum	1	1.5	0.23	2.1	0.72		
Parapet Walls	cum	1	16	0.23	1	3.68		
Base Rate							6709.00	
Area weightage 8%							536.72	
Total						**15.48**	**7245.72**	**112173**
KSRB 4.9.2 Providing T M T steel reinforcement for R.C.C work including straightening ,cutting, bending, hooking, placing in position, lapping and /or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastage shall not be measured and paid) including cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No KBS 4.6.3. TMT bars Fe 500 item no-4.46.2, page no-18, PWD sr 2018-19.								
Steel @ 80 Kg/Cum of RCC	Tonne					0.64	**70966.00**	
Base Rate								
Area weightage 8%							5677.28	
Total							**76643.28**	**49338**
KSRB 4-6.5: Providing & removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials , labour complete as per specifications item no-4.32, page no-16, PWD sr 2018-19.								
Column Footing	sqm	4	4.00		0.35	5.60		
Pedestal	sqm	4	1.60		2.00	12.80		
column	sqm	4	0.92		3.45	12.70		
Plinth Beam	sqm	2	15.08		0.1	3.02		
lintel beam	sqm	2	15.08		0.1	3.02		
Chajja	sqm	1	3	0.5		1.50		
Roof Slab	sqm	1	5.5	3.5		19.25		
Base Rate							**456.00**	
Area weightage 8%							36.48	
Total						57.88	**492.48**	**28504**
KSRB 9-7.1: Providing & fixing in position fully panelledMathi/Nandi wood shutters for doors, styles and rails of 30mm thick with bottom & lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25 mm thick of exterior grade plain particle board including cost of materials, labour, HOM of machineries complete as per specifications (excluding cost of fixtures).Specification No K.B.S.9.34 item no-9.20, page no-54, PWD sr 2018-19.								
Main Door D	sqm	1		1.5	2.1	3.15		
Base Rate							3817.00	
Area weightage 8%							305.36	
Total						3.15	**4122.36**	**12985**
KSRB 9-16.3: Providing & fixing in position Mathi/Nandi wood fully panelled shutters for windows with styles and rails of 35mm thick, 75mm wide in two halves with panels of 25mm thick including cost of materials, labour charges, HOM of machineries complete as per specifications (excluding cost of fixtures) item no-9.45, page no-56, PWD sr 2018-19.								
Windows W	sqm	1		1.5	1.2	1.80		
Base Rate							**4345.00**	
Area weightage 8%							347.60	
Total						1.80	**4692.60**	**8447**
KSRB 15-3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering : providing and removing scaffolding, including cost of materials, labour, curing complete as per specification item no-15.16, page no-116, PWD sr 2018-19.								
Outside	sqm	1	16.00	3.50		56.00		
Inside	sqm	1	15.00	3.05		45.75		
Parapet Walls	sqm	1	16.00	2.23		35.68		
Seiling	sqm	1	4.45	2.45		10.90		
Deduct for Doors	sqm	1		1.50	2.1	3.15		
Deduct for windows	sqm	1		1.50	1.2	1.80		
Net Qty of plastering						**153.28**		
Base Rate							261.00	

Area weightage 8%							20.88	
Total						**153.28**	**281.88**	**43207**
KSRB 14.10-1: Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25 mm thick over existing cement concrete bed on top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials,labour,curing, polishing complete as per specifications. item no-14.15, page no-105, PWD SR 2018-19.								
Flooring	sqm		4.45	2.45		10.9025		
Base Rate							**1254.00**	
Area weightage 8%							100.32	
Total						**10.9025**	**1354.32**	**14765**
KSRB 15.10.3 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour as per specifications item no-15.40, page no-117, PWD SR 2018-19.								
Outside	sqm	1	16.00	3.50		56.00		
Inside	sqm	1	15.00	3.05		45.75		
Parapet Wall	sqm	1	16.00	2.23		35.68		
Ceiling	sqm	1	4.45	2.45		10.90		
Deduct for door		1		1.50	2.10	3.15		
Deduct for Window		1		1.50	1.20	1.80		
Net qty						143.38		
Base Rate							13.00	
area weightage 8%							1.04	
Total						**143.38**	**14.04**	**2013**
KSRB 15-13.1 : Providing and applying one coat distemper primer of approved brand on wall surface after thoroughly brooming the surface to removal of all dirt, dust, mortar drops and other foreign matter including preparing the surface, even and sand paper smooth, cost of materials, labour, complete as per specifications item no-15.46 page no-118, PWD SR 2018-19.								
Inside	sqm	1	15.00	3.05		45.75		
ceiling	sqm	1	4.45	2.45		10.90		
Deduct for door	sqm	1		1.50	2.10	3.15		
Deduct for Window	sqm	1		1.50	1.20	1.80		
Base Rate						51.70	35.00	
area weightage 8%							2.80	
Total						**51.70**	**37.80**	**1954**
KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved band on wall surface to give an approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications. item no-15.51, page no-119, PWD SR 2018-19.								
Outside	sqm	1	16.00	3.50		56.00		
ceiling	sqm	1	16.00	2.23		35.68		
Parapet wall	sqm	1		1.50	2.10	3.15		
Deduct for Window	sqm	1		1.50	1.20	1.80		
Base Rate							87.00	
area weightage 8%							6.96	
Total						**86.73**	**93.96**	**8149**
KSRB 15-17.1: Applying priming coat over new wood surface and or wood based surface with white lead paint priming including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand preparing and knotting ready mix paint including cost of materials, labour, complete as per specifications. item no-15.55, page no-120, PWD SR 2018-19.								
Doors	sqm	1		1.50	2.10	3.15		
Windows	sqm	1		1.50	1.20	1.80		
Base Rate							43.00	
area weightage 8%							3.44	
Total						**4.95**	**46.44**	**230**
KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and /or wood based surface with enamel paint to give an shade, cleaning the surface of all dirt and foreign matter, sand preparing including cost of materials, labour, complete as per specifications. item no-15.60.1, page no-121, PWD SR 2018-19.								
Doors	sqm	1		1.50	2.10	3.15		
Windows	sqm	1		1.50	1.20	1.80		
Base Rate							97.00	
area weightage 8%							7.76	
Total						**4.95**	**104.76**	**519**
KSRB 11-56.2 : Providing and fixing to wall ceiling and floor unplasticised PVC pipes 10.00 kgf/Sq.cm Working pressure Chemp plast including cost of materials, labour, complete as per specifications. item no-15.60.1, page no-77, PWD SR 2018-19.								
Roof to Ground	sqm	1	3.5			3.50		
							606.00	
Base Rate							48.48	
area weightage 8%						**3.50**	**654.48**	**2291**
Total								

Electrical Works (Lighting) For 7a Female Green Room of 5M X 3M

	Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X0.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outle.Item 2.1.1a,Item 2.1.2a page No-5, PWD SR 2018-19.								
	Short point upto 3m	Point	4					200.00	**800**
	Medium point above 3m - 6m	Point	3					275.00	**825**
	Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary . item no-1.2,Item 1.2.2,Item 1.2.3 page no-2, PWD SR 2018-19.								
	25mm dia, 2mm thick	Rm	20					53.00	**1060**
	32mm dia, 2mm thick	Rm	21					83.00	**1743**
	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary.. item no-3.4,Item 3.4.1,Item 3.4.2 page no-9, PWD SR 2018-19.								
	25mm dia, 2mm thick	Rm	20					54.00	**1080**
	32mm dia, 2mm thick	Rm	11.8					81.00	**956**
	Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall .. item no-1.2,Item 1.2.2,Item 1.2.3 page no-2, PWD SR 2018-19.								
	1 - 3 Way	Each	2					95.00	**190**
	4 - 5 Way	Each	3					105.00	**315**
	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854.,Item1.12, page no-15, PWD SR 2018-19.								
	16Amps Combined switch and socket with indication	No	1					194.00	**194**
	Electronic stepped regulator.	No	2					150.00	**300**
	Supplying and fixing Metal Fan Box with Round Hook item no-2.5.3,Item 2.5.4 page no-3, PWD SR 2018-19.								
	Item 2.5.3		40	32					**1280**
	Item 2.5.4		20	45					**900**
	Item 1.12	Each	2	85					**170**
	Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute. item no-5.18,Item5.18.4 page no-27,28 PWD SR 2018-19.								
	12 way SP & N	Nos	1					1210.00	**1210**
	Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON/OFF energy cross -3 with as required confirming to IEC 60898 item no-6.16,Item6.16.3. page no-47, PWD SR 2018-19.								
	5-32 AMPS DP	Nos	2					909.00	**1818**
	Supplying of .....feet - PVC Batten with integrated LED tube .....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fighting 1 x4'- 20/22 w. item no-12.4.2,Item 7.3.1 page no-69, PWD SR 2018-19.								
		Each	4					375.00	**1500**
	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. item no-7.3,Item 7.3.1 page no-46, PWD SR 2018-19.								
	2.5sqmm	Rm	40					32.00	**1280**
	4sqmm	Rm	20					45.00	**900**
	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system item no-2.5.3,Item 2.5.4 page no-6, PWD SR 2018-19.								
	48" sweep (1200mm) SR 2018-19.	Each	2					2090.00	**4180**

	16Amps combined plug and socket with control switch item 155 page no-11 SR 2018-19	No	2					221.20	**442**
	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150 mm all-round the cable item 6.7,page no- 41 SR 2018-19.	Mtr	26.6					100.00	**2660**
								Sub total	**507830**
								12%GST	**60940**
								Sub Total 2	**568770**

CERTIFICATE:-

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20, SE-RDED approved Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Bruhat Bengaluru Mahanagara Palike

Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka Lake in Yelahanka Assembly Constituency

Sub Estimate - 8 Civil Works for Walk Way with Cobble Stones,Plantation and Turfing

Sl. No.	Description	Unit	Nos	L	B	D	Quantity	Rate	Amount (Rs)
	KSRB 2.9 : Spreading and forming the excavated earth to required level, slope for an average thickness of 75mm. in all classes of soils including breaking clods and tamping manually alround the building and low laying areas complete as per specifications.specification. No. KBS :								
1	item No 2.16, Page-7 . PWD SR 2018-19								
	For Internal Pathways	sqm	1	167	3.65		609.55		
	Basic rate							9.0	
	Area weightage 6%							0.5	
	Total						**609.55**	**9.5**	**5815**
	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
2	item No 19.60 , Page-147 PWD SR 2018-19								
	For Internal Pathways	cum	1	167	3.65	0.3	182.865		
	Basic rate							325.0	
	Area weightage 6%							19.5	
	Total						**182.865**	**344.5**	**62997**
	KSRB 14.6-1: Providing and laying **heavy duty cobble stones 60 mm thick** interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS								
3	item No 14.6 , Page -103 PWD SR 2018-19								
	For Internal Pathways	sqm	1	167	3.65		609.55		
	Basic rate							1053	
	Area weightage 6%							63.18	
	Total						**609.55**	**1116.2**	**680368**
	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Note :Adopt item 2.24 for excavation in all types of soils for lowering & levelling the ground for building works by mechanical means KBS Pg No 6, Item No 2.1								
4	**Earthwork Excavation**								
	For kerb stones	Cum	2	167	0.2	0.3	20.04		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	Total						**20.04**	**263.94**	**5289.36**
	KSRRB M1200-48.2. Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M-20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb lying machine, foundation concrete laid manually, all complete as per Clause 400.8 complete as per spcifications. B. Using Concrete Batching and Mixing Plant MORTH Specification No.408item No 26.127, Page no.217 PWD SR 2018-19								
5	Kerb stone all along the path way on both sides	m	2	167			334		
	Basic rate							276	
	Area weightage 6%							17	
	Total						**334.0**	**293**	**97715**

	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer								
6	item 15.51.2, Page no. 119 PWD SR 2018-19								
	painting stone all along the path way on both sides	Sqm	2	167	0.45		75.15		
	Basic rate							87.0	
	Area weightage 6%							5.2	
	Total						**75.2**	**92.2**	**6930**
	KSRRB M300- Planting and maintenance permanent hedges KSRRB M300-7.1. Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart complete as per specifications. A) Planting permanent hedges including digging of trenches MORTH Specification No. 307								
7	Item No 19.84, Page :149 PWD SR 2018-19								
	Planting of hedges along the Front Enterance	M	2	50			100		
	Basic rate							296.0	
	Area weightage 6%							17.8	
	Total						**100**	**313.8**	**31376**
	KSRRB M300-Horticulture KSRRB M300-1. Spreading of sludge farm yard manure or/ and good earth in required thickness (cost of sludge, farm yard manure or/and good earth to be paid for separately) complete as per specifications. MORTH Specification No. 307								
8	item No 19.77, Page:148 PWD SR 2018-19								
	lawn area	cum	1	20	10	0.2	40		
	Basic rate							103.0	
	Area weightage 6%							6.2	
	Total						**40**	109.18	**4367**
	M300-11. Supply at site of work well decayed farm yard manure, from any available source, approved by the engineer in charge including screening and stackin complete as per specifications. MORTH Specification No. 308.2								
9	item No 19.90, Page :150 PWD SR 2018-19								
	lane area fit	cum	1	20	1	0.2	4		
	Basic rate							204	
	Area weightage 6%							12.2	
	Total						**4**	**216.2**	**865**
	KSRRB M300- 2.1. Grassing with Doobs grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed complete as per specifications. MORTH Specification No. 307 ii) In rows 7.5 cm apart in either direction								
10	item No 19.79, Page:148 PWD SR 2018-19								
		sqm	1	20	10.00		200		
	Basic rate							85.0	
	Area weightage 6%							5.1	
	Total						**200**	**90.1**	**18020**
	Sub Total								**913743**
	ADD 12% GST								109649
	Grand Total								**1023392**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2019-20, SE-RDED approved Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

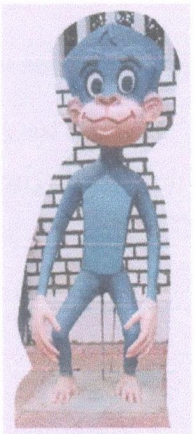
Executive Engineer
BBMP

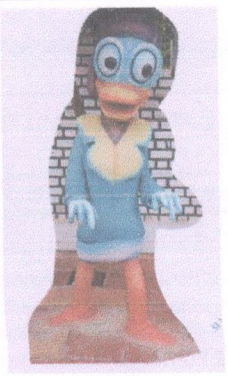
Bruhat Bengaluru Mahanagara Palike

Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Assembly Constituency

Sub Estimate-9: Providing the Theme Statues Like Chota Bheem Team and Donald Duck

S.No.	Description of Work /Specification	Image	Unit	Unit Rate	Quantity	Amount, Rs
1	Providing, the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 7ft height **(Kalia)** with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)(AS per appoved data rate)		No's	382550	1	382550
2	Porviding, the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 5ft height **(chota bheem)** with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes) (AS per appoved data rate)		No's	386700	1	386700
3	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height **(Dolu)** with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes) (AS per appoved data rate)		No's	386650	1	386650
4	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height (Bholu) with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)(AS per appoved data rate)		No's	391950	1	391950

5	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height (Chutki) with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)(AS per appoved data rate)		No's	391400	1	391400
6	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height (Jaggu) with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)(AS per appoved data rate)		No's	389900	1	389900
7	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height (Raju) with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)		No's	387350	1	387350
8	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 4ft height **(Indumathi)** with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)(AS per appoved data rate)		No's	384300	1	384300

9	Providing the Theme Statue made out of rich mix ferro cement with necessary reinforcement with mesh work, as required for stability of statue of size 7ft height **(Male Donald Duck)** with unique features as per the approved artisitic impression with necessary water proof painting finishing including cost of scaffolding foam wok and fixing on a firm platform with necessary base plate and bolts etc complete as per direction of officer in charge (inclusive of all applicable taxes)		No's	380850	1	380850
	Grand Total					**3481650**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.

4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20, SE-RDED approved Rate and Issu ed Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Bruhat Bengaluru Mahanagara Palike

Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Assembly Constituency

Sub Estimate - 10 Civil Works for Theme Statues like Chota Bheem Team and Donald Duck

S.No.	Description of Work /Specification	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Note :Adopt item 2.24 for excavation in all types of soils for lowering & levelling the ground for building works by mechanical means KBS Pg No 6, Item No 2.1								
	Earthwork Excavation								
	for Size Stone Masonary and column, (9.42+8.59+6.96+4.54+5.41+3.9)	Cum	1	38.82	0.6	1.1	25.62		
	For Stainless steel raling base.	Cum	1	22.25	0.4	0.6	5.34		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	Total						**30.96**	**263.94**	**8172**
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100 mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Soiling								
	for Size Stone Masonary and column	Cum	1	38.82	0.6	0.2	4.66		
	for floor area at Mickey mouse area as per drawing	Cum	1		97	0.2	19.40		
	For Stainless steel raling base.	Cum	1	22.25	0.2	0.2	0.89		
	Basic rate							2429.00	
	Area weightage 6%							145.74	
	Total						24.95	**2574.74**	**64236**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4-1.3, 4.3 Pg No.13 Item No 4.3								
	PCC								
	for Size Stone Masonary and column	Cum	1	38.82	0.6	0.15	3.49		
	for floor area at Mickey mouse area as per drawing	Cum	1		97	0.15	14.55		
	For Stainless steel raling base.	Cum	1	22.25	0.2	0.15	0.67		
	Basic rate							5102	
	Area weightage 6%							306	
	Total						**18.71**	**5408**	**101193**
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14 Item No. 4.11								
	for Plinth beam	Cum	1	38.82	0.2	0.15	1.16		
	for Coping Concrete For wall top .	Cum	1	38.82	0.2	0.05	0.39		
	Basic rate							5659	
	Area weightage 6%							340	
	Total						**1.55**	**5998.5**	**9315**
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 Specification No KBS 4.46.2, Pg No. 18 Item No. 4.46.2								
	at 65 Kgs per Cum	tonne					0.10		
	Basic rate							70966	
	Area weightage 6%							4258	
	Total						**0.10**	**75224**	**7593**

6	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Pg No. 17 Item No. 4.46.2								
	for Plinth beam	Sqm	2	38.82		0.15	11.65		
	for Coping solild concrete block	Sqm	2	38.82		0.1	7.76		
	Basic rate							456	
	Area weightage 6%							27.4	
	Total						**19.41**	**483.4**	**9382**
7	KSRB 5.4.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone Masonary in superstructure with cement mortar , edge of stones chistle dressed in courses not less than 15 cms high, bond stones at two 2M. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.4.3, Pg No 25, Item No 5.12								
	1st Step	Cum	1	60	0.6	0.6	21.60		
	2nd Step	Cum	1	60	0.6	0.6	21.60		
	Basic rate							5362.0	
	Area weightage 6%							321.7	
	Total						**43.20**	**5683.7**	**245537**
8	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400 X 200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.14, Pg No. 27 Item No. 5.26.1								
	Background wall at micky mouse area	Sqm	1	60		1.5	90.00		
	For Stainless steel raling base.	Sqm	2	22. 25		0.5	22.50		
	Basic rate							912.0	
	Area weightage 6%							54.7	
	Total						**112.50**	**966.7**	**108756**
9	KSRB15-1.6 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KBS No.15.1.6, Pg No. 115 Item No. 15.6								
	For all round stage plotform plastering	sqm	2	38.82		1	77.64		
	Basic rate							204	
	Area weightage 6%							12.2	
	Total						**77.64**	**216.24**	**16789**
10	KSRB 15-16.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer item No.15.53.2 Page No. SR 2018-19								
	WALL painting								
	For Backgroundwall above stage upto 3m (both sides)	sqm	2	38.82		1	77.64		
	Basic rate							102	
	Area weightage 6%							6.1	
	Total						**77.64**	**108.12**	**8394**
11	KSRB 14.47.3 : Providing and laying flooring using prepolished, water cut/gang saw 19 mm thick granite laid over bed of 20 mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using 10mm thick silver grey granite / Multy Red / Ruby Red/ Black / Hassan Green Granite tiles KBS No.14.47.3, Pg No. 110 Item No. 14.47.3								
	Flooring								
	for floor area at Mickey mouse area as per drawing	Sqm	1	97			97.00		
	For Stainless Railing base side	Sqm	1	22.25	0.2		4.45		
	For Stainless Railing Top	Sqm	2	22.50	0.25		11.25		
	Basic rate							1400	
	Area weightage 6%							84.0	
	Total						**112.70**	**1484.00**	**167247**

13	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.. Pg No. 45 Item No. 7.38								
	Front side of the theme statue area	Sqm	1	22.5	1.55		34.875		
	Basic rate							6021	
	Area weightage 6%							361.26	
	Total						**34.875**	**6382.26**	**222581.3**
	Sub Total 1								**969193.7**
	ADD 12% GST								**116303.2**
	Sub Total 1								**1085497**
14	Providing and laying For elevation using white sadarhalli stone with stone chiesing and fine dressed granite stone slabs 100 mm thick with cement mortar 1:3 including cost of materials, labour, curing complete as per specifications. (AS per Appoved Data rate incluing GST)								
	Elevation Stone for aesthitic purpose								
	@ TOP OF WALL (1X0.3X0.1) granite sixe	**No's**	25					4850	121250
	Sub Total 2								**121250**
	Grand Total (Sub total 1+sub total 2)								**1206747**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum.

4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20, SE-RDED approved Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Bruhat Bengaluru Mahanagara Palike

Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Assembly Constituency

Sub Estimate -11 Civil Works for Compound Wall & including Entrance Gate

S.No.	Description of Work /Specification	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 Note : Adopt item 2.24 for excavation in all types of soils for lowering & levelling the ground for building works by mechanical means KBS Pg No 6, Item No 2.1								
	Earthwork Excavation								
	for Size Stone Masonary	Cum	1	147	1	1	147.00		
	Basic rate							249.00	
	Area weightage 6%							14.94	
	Total						**147.00**	**263.94**	**38799**
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100 mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Soling below GL								
	for Size Stone Masonary and column	Cum	1	147	1	0.2	29.40		
	Basic rate							2429.00	
	Area weightage 6%							145.74	
	Total						29.40	**2574.74**	**75697**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4-1.3, 4.3 Pg No.13 Item No 4.3								
	PCC below GL								
	for Size Stone Masonary and column	Cum	1	147	1	0.15	22.05		
	Basic rate							5102	
	Area weightage 6%							306	
	Total						**22.05**	**5408**	**119249**
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14 Item No. 4.11								
	Column Footings	Cum	34	0.75	0.75	0.4	7.64		
	Plinth	Cum	1	147	0.3	0.15	6.62		
	Columns	Cum	34	0.2	0.2	2.45	3.33		
	Coping Concrete through out at top of the wall	Cum	1	142.5	0.2	0.1	2.85		
	Basic rate							5659	
	Area weightage 6%							340	
	Total						**20.44**	**5998.5**	**122593**
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 Specification No KBS 4.46.2, Pg No. 18 Item No. 4.46.2								
	at 65 Kgs per Cum of concrete	tonne					1.33		
	Basic rate							70966	
	Area weightage 6%							4258	
	Total						**1.33**	**75223.96**	**99929**
	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Pg No. 17 Item No. 4.46.2								
	for Column Footings	Sqm	34	3		0.4	40.75		
	for Plinth beamns	Sqm	2	147		0.15	44.10		

6	for Columns	Sqm	34	0.8		2.45	66.64		
	for Coping Concrete	Sqm	2	142.5		0.1	28.5		
	Basic rate							456.0	
	Area weightage 6%							27.4	
	Total						**179.99**	**483.4**	**86999**
7	KSRB 5.27.1 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone Masonary in superstructure with cement mortar , edge of stones chistle dressed in courses not less than 15 cms high, bond stones at two 2M. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.14.1, Pg No 27, Item No 5.27.1								
	Foundation = deducation Qty =147 - 34X0.2 = 140.20								
	1st Step	Cum	1	140.2	0.75	0.4	42.06		
	2 nd level	Cum	1	140.2	0.6	0.4	33.65		
	3 rd level	Cum	1	140.2	0.3	0.4	16.82		
	Basic rate							5784.0	
	Area weightage 6%							347.0	
	Total						**92.53**	**6131.0**	**567317**
8	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.14, Pg No. 27 Item No. 5.26.1								
	Compound wall	Sqm	1	136.2		0.6	81.72		
	For column locations for construction pillars	Sqm	68	0.6		2.45	99.96		
	Basic rate							912.0	
	Area weightage 6%							54.7	
	Total						**181.68**	**966.7**	**175634**
9	KSRB 14.47.3 : Providing and laying flooring using prepolished, water cut/gang saw 19 mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using 10mm thick silver grey granite / Multy Red / Ruby Red/ Black / Hassan Green Granite tiles KBS No.14.47.3, Pg No. 110 Item No. 14.47.3								
	Cladding for compound compound Vertical Wall	Sqm	2	136.2		0.6	163.44		
	Cladding for compound Horizontal top	Sqm	1	136.2		0.2	27.24		
	Cladding for compound vertical column	sqm	68	1.44		1.6	156.672		
	Cladding for compound Horizontal inclined top for columns	sqm	34	2.4		1.6	130.56		
	Basic rate							1400	
	Area weightage 6%							84.0	
	Total						**477.91**	**1484.00**	**709221**
10	KSRB 14.55, Providing full nosing for 20 mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification KBS No.14.55, Pg No. 111								
	Bull nosing	m	2	140			280.00		
	Basic rate	m	34	2.40			81.60	**270**	
	Area weightage 6%							16.2	
	Total						**361.60**	**286.20**	**103490**
11	Item-no-7.36 Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification. Item.no7.36, Pg No.44								
	Grill work for compund wall	Sqm	1	136.2		1.4	190.68		
	Rate							5369	
	Area weightage 6%							322.1	
	Total						190.68	**5691**	**1085187**

12	Item-no-7.36 Providing and fixing M.S.Gate as per chief architect drawing,using 50mmx 50 mm 14 gauge M.S.hollo work bent to ornamental shape as shown in the drawing and 35 mm x 6 mm and 16 x 16 mm square rods for vertical spaced at 4 cms c/c in two halves and 40 mm x 6 mm M.S. flats for horizontal member and at the top cast iron spikes a alternative vertical members as shown in the drawing etc., complete.All the steel surface should be thoroughly cleaned f painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges f work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading charges,etc., complete as per specification Item.no7.37, Pg No.45								
	MS Gate for compund wall	Sqm	1	4		3	12.00		
	Basic rate							3012	
	Area weightage 6%							180.7	-
	Total						12	**3192.72**	38313
	Sub Total Amount								**3222429**
	ADD 12% GST								**386691**
	Grand Total for Civil and Fabrication Works								**3609120**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20, SE-RDED approved Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
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Executive Engineer
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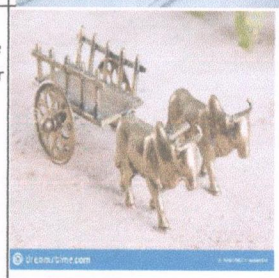
Bruhat Bengaluru Mahanagara Palike						
Name of Work:- Providing Kannada words/Alphabets and Sculptures in the premises of Allalasandra and Yelahanka lake in Yelahanka Assembly Constituency						
	SUB-ESTIMATE - 12 : Poviding & Fixing of Sculptures For Circles					
S.No.	Description of Work /Specification	Image	Unit	Unit Rate	Quantity	Amount, Rs
1	Poviding, Fabricating and Fixing of **Globe** made out of Welded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 108 x 108 x 108 inches Base size required: (5 x 5 feet) wieght: 1.5 Ton approximately (inclusive of all taxes) As per approved quotation		No's	1600000	1	1600000
2	Poviding, Fabricating and Fixing of **Elephant** made out of Welded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 108 x 108 x 108 inches Base size required: (5 x 5 feet) wieght: 1.5 Ton approximately (inclusive of all taxes) As per approved quotation		No's	1450000		1450000
3	Poviding, Fabricating and Fixing of **Auto** made out of Welded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 64 x 102 x 44 inches Base size required: (10.5 x 6 feet) wieght: 1.5 Ton approximately (inclusive of all taxes) As per approved quotation		No's	1600000	1	1600000
4	Poviding, Fabricating and Fixing of **Bullock Cart** made out of wWelded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 42 x 98 x 24 inches Base size required: (8 x 4 feet) Wieght: 350Kgs approximately (inclusive of all taxes) As per approved quotation		No's	800000	1	800000
5	Poviding, Fabricating and Fixing of **Boat** made out of wWelded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 42 x 98 x 24 inches Base size required: (8 x 4 feet) Wieght: 350Kgs approximately (inclusive of all taxes) As per approved quotation		No's	1600000	1	1600000

6	Poviding, Fabricating and Fixing **Horse** made out of wWelded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 42 x 98 x 24 inches Base size required: (8 x 4 feet) Wieght: 350Kgs approximately (inclusive of all taxes) As per approved quotation		No's	1200000	1	1200000
7	Poviding, Fabricating and Fixing **Ashoka Pillar** made out of wWelded Iron Automobile Parts, materials as per drawings for appreance and dimesions is as indicated in techinal drawings enclosed including cost of all materials, labour, HOMof machinery, complete as per direction of Engineer in Charge. (inclusive of all taxes) Dimesions : 42 x 98 x 24 inches Base size required: (8 x 4 feet) Wieght: 350Kgs approximately (inclusive of all taxes) As per approved quotation		No's	1400000	1	1400000
	Grand Total					**9650000**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum.
4) The estimate is based on C.S.R of 2018-2019, SE-RDED approved data Rate and Issued Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP